

Claims

- [c1] In accordance with my invention, I claim:
- A chain guide assembly mounted on the return side of the chain of a chain driven suspension bicycle, of which said chain guide assembly consists of:
- a mounting bracket attached to a bicycle frame by means of clamping to said bicycle frame,
 - a lower guide pulley, with a groove and flanges, mounted rotationally to said mounting bracket, and positioned to support said chain on the return low tension side of the drive chain,
 - an adapter plate mounted to said mounting bracket,
 - a preload adjuster mounted to said adapter plate,
 - a chain plate mounted pivotally to said preload adjuster, and held against said lower guide pulley by means of,
 - a torsion spring positioned about said preload adjuster, and held in place by said chain plate, wherein one side of said torsion spring engages said preload adjuster and opposite side of said torsion spring engages said chain plate.
- [c2] A chain guide assembly as cited in claim 1, wherein said mounting bracket is bolted to said bicycle frame.
- [c3] A chain guide assembly as cited in claim 1, wherein said mounting bracket is welded or bonded to said bicycle frame.